

Title (en)
PROCESS FOR DRYING COATED WEB

Publication
EP 0368289 A3 19911218 (EN)

Application
EP 89120720 A 19891108

Priority
JP 28140888 A 19881109

Abstract (en)
[origin: EP0368289A2] A process for drying a coated web which comprises drying a continuously traveling web coated with a coating composition containing an organic solvent by hot air up to set to touch, and evaporating the residual solvent in the coated membrane by heating a heating roll. In the process of the invention, since a coated web is first dried by a hot air at a relatively low temperature, such as lower than 150 DEG C, up to set to touch state and then further dried by a heating roll being excellent in heat conductivity, a temperature distribution occurs little in the cross direction. Moreover, the present drying process rarely affects adversely the coated membrane of the web.

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G03C 1/74; **F26B 3/00**

IPC 8 full level
B05D 3/02 (2006.01); **F26B 3/00** (2006.01); **F26B 13/10** (2006.01); **G03C 1/74** (2006.01); **G03F 7/16** (2006.01)

CPC (source: EP US)
F26B 3/00 (2013.01 - EP US); **F26B 13/10** (2013.01 - EP US); **G03C 1/74** (2013.01 - EP US); **G03F 7/168** (2013.01 - EP US);
G03C 2001/7451 (2013.01 - EP US)

Citation (search report)
• [Y] US 3674534 A 19720704 - CONNAIR MICHAEL JOHN
• [X] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 285 (P-616)(2732) 16 September 1987; & JP-A-62 081 637 (MITSUBISHI PAPER MILLS LTD.) 15 April 1987
• [Y] RESEARCH DISCLOSURE, vol. 203, no. 34, March 1981, HAVANT, GB; page 130; 'Method for drying magnetic recording regions on photographic elements'.

Cited by
EP1172697A3; EP1172697A2; WO2009068551A1

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DE NL

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